

IN THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A rotary ~~Rotary~~ piston machine including:
first and second rotors each having an outer radius, said rotors being
mutually disposed at an axial angle, said first rotor engaging said second rotor for
forming a fluid passage, said passage having an opening at said outer radius of said
rotors, said second rotor having a shank, said shank engaging a motor shaft;
a housing including an inner surface and including an inner housing,
said inner housing comprising:
an outer surface spaced from said inner surface of said housing;
~~with a housing and at least one rotor characterized by an inner~~
~~housing with the following distinguishing features~~
a cylindrical borehole having going over into a spherical recess, said
rotors being disposed in said borehole; for taking up rotors (2, 3) disposed at an
~~axial angle to one another;~~
a first an opening disposed in the spherical recess of said borehole,
said shank of said second rotor passing through said first opening for engaging said

motor shaft; through which a shank of the one rotor (3), disposed on a shaft (7),
is passed;

said inner housing being shiftable, a centering relative to the rotors
(2, 3), which can be shifted freely in the axial and radial directions; for equalizing
manufacturing tolerances of the rotors (2, 3);

first structural and biasing means for urging said inner housing
against rotation within said housing; a protection against torsion (11, 12) with
respect to the housing (10);

second structural means for preventing a device (13) to prevent
movement of the inner housing (1) in the axial direction away from the rotors; (2,
3) and

a second at least one opening disposed proximate to said passage
opening in said outer radius of said rotors, said second opening being adapted (16)
in the inner housing (1) at the place, at which the fluid enters or leaves at the outer
radius of the rotors (2, 3), for transferring fluid the pressure of the flowing fluid
to the spaces said space between the outer surface of the outside of the inner
housing (1) and the inner surface of the housing for producing an additional
contacting pressure between the inner housing (1) and the rotors (2, 3) for
minimizing the gap flows.

2. (Currently Amended) The rotary piston machine of claim 1, further comprising: characterized by
second biasing means for moving said rotors axially towards said
motor; and
third biasing means for limiting movement of said rotors axially
towards said motor ~~a device (14, 15) for pressing the rotors (2, 3) and the inner~~
~~housing (1) together in the axial direction.~~

3. (New) The machine of claim 1 wherein said first structural and biasing means comprises:

a recesses disposed between said inner surface of the housing and said outer surface of the inner housing; and

springs disposed on said outer surface of said inner housing, said springs engaging said recess.

4. (New) The machine of claim 1 wherein the second structural means comprises a cone.

5. (New) The machine of claim 2 wherein the second biasing means comprises adjusting rings.

6. (New) The machine of claim 2 wherein the third biasing means comprises a split washer.

7. (New) A rotary piston machine including:

first and second rotors mutually disposed at an axial angle, said first rotor engaging said second rotor for forming a fluid passage, said passage having an opening at an outer radius of said rotors;

an outer housing and an inner housing, said inner housing comprising:

a cylindrical borehole having a recess, said rotors being disposed in said borehole;

a first opening disposed in said borehole recess, said second rotor passing through said first opening; and

a second opening disposed proximate to said passage opening in said outer radius of said rotors for transferring fluid exterior to said inner housing.

8. (New) The machine of claim 7 wherein said inner housing is shiftable, relative to the rotors, in axial and radial directions.

9. (New) The machine of claim 7 wherein said borehole recess is spherical.